

To provide certified laboratory services of Wastewater Treatment Plants at BCCX as specified

Location:

Bledsoe County Correctional Complex
c/o Wastewater Treatment Plant
1045 Horsehead Road
Pikeville TN 37367

Certification

Supplier shall be certified by the State of Tennessee to perform all required analyses.

A copy of all applicable certifications must be submitted with the Bid.

The Bidder shall only perform test methods for which it currently holds National Environmental Laboratory Accreditation Conference (NELAC) certification.

Sample Pickup

The wastewater treatment plant staff will collect all samples

The supplier shall be responsible for, and shall include in their price, all costs associated with pick-up and/or transportation by U.S. Mail or courier service for all the samples, and the specimen containers.

The supplier will be required to establish a sampling plan in conjunction with facility staff, to obtain all necessary samples in compliance with the various Institution's permits,

A pre-printed labels and chain of custody forms to be included in cost

Sample Analysis

Samples shall be analyzed according to current acceptable methodologies to the Environmental Protection Agency (EPA). The necessary analytical work must be done Certified Lab. All analyses must be performed by the supplier in its facilities, by its personnel.

All necessary sampling containers, coolers and preservatives will be included in cost of test

All containers supplied to hold samples, for transportation to the laboratory, shall be pre-cleaned and sealed, or accompanied by a certification that declares that the containers are sterile, free of contaminants, and appropriate for the required analyses. The kits shall also contain special sampling equipment that may be specifically required for any of the required sampling.

Immediate notification to the Department's WWTP Operator via phone and email is required whenever parameters exceed the MCL, or fall outside acceptable permit limits.

All analytical results shall be reported within seven (7) calendar days from the time of pick-up,

Standard Laboratory Level 2 Deliverable using Laboratory published Report limits and QC Limits.

Level 2 report includes sample results, method blank results, Laboratory control Sample results and Sample Duplicate, Matrix Spike and Matrix Spike Duplicate results if appropriate Duplicate/MS/MSD volume is submitted.

As Needed Testing:

Occasionally, the facility may have an unexpected testing need; in these situations the Contractor shall complete service request within seven (7) business days upon notification or purchase order from the agency, unless otherwise specified and agreed upon in writing by the agency contact

Tests and Frequency

1. Influent/Effluent (Weekly, 2 Samples)
 - PT-Total phosphorus - *(Line 1)*
 - Total Nitrogen – *(Line 2, includes below)*
 - TKN
 - NO₂NO₃
2. Annual Sludge (Yearly, 1 Sample)
 - Metals - *(Line 3 includes below)*
 - ASICP
 - CDICP
 - CUICP
 - HG
 - MOICP
 - NIICP
 - PBICP
 - SEICP
 - ZNICP
 - TKN - *(Line 4)*
 - Total Solids – *(Line 5)*
 - NITROGEN – *(Line 6)*
 - NORG-Organic Nitrogen - *(Line 7)*
 - NO₂NO₃ - *(Line 8)*
 - NH₃ - *(Line 9)*
3. Biomonitoring (Yearly, 3 Samples) - *(Line 10 includes samples 1,2 &3 below)*
 - Sample 1
 - ALKBIO
 - Hardness
 - IC25 Defin. C.dubia-5 Dil.
 - IC25 Defin. Minnow-5 Dil.
 - Sample 2
 - ALKBIO
 - Hardness
 - Sample 3
 - ALKBIO

- Hardness

4. FCLS (Yearly, 1 Sample)

- FCLS: Fecal Coliform - A-1 medium – (*Line 11*)

SITE CONTACT:

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